

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	5	((6600828"   "20020172394"   "20040234099"   "20050094847"   "6757405").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2009/09/02 11:32
S3	6	((RYOUSUKE) near2 (FUJII)).INV.	US-PGPUB; USPAT; USOCR	AND	OFF	2009/09/02 12:25
S4	700	((HIROSHI) near2 (ITO)).INV.	US-PGPUB; USPAT; USOCR	AND	OFF	2009/09/02 12:27
S5	1	((KOUCHI) near2 (MAGAI)).INV.	US-PGPUB; USPAT; USOCR	AND	OFF	2009/09/02 12:27
S6	23	((MITSUYOSHI) near2 (SUZUKI)).INV.	US-PGPUB; USPAT; USOCR	AND	OFF	2009/09/02 12:28
S7	94	((MINORU) near2 (WADA)).INV.	US-PGPUB; USPAT; USOCR	AND	OFF	2009/09/02 12:28
S8	1	((GO) near2 (OHTAKE)).INV.	US-PGPUB; USPAT; USOCR	AND	OFF	2009/09/02 12:28
S9	2	((SEIICHI) near2 (GOSHI)).INV.	US-PGPUB; USPAT; USOCR	AND	OFF	2009/09/02 12:29
S10	13	(S3 OR S4 OR S5 OR S6 OR S7 OR S8 OR S9) and watermark\$3	US-PGPUB; USPAT; USOCR	AND	OFF	2009/09/02 12:29
S11	30839	((382/100,162,163,164,165,171,173,181,199,232,239,254,266,274) or (358/1.1,1.9,3.28,) or (345/629,630,631,632,633,634,635,636,637,638,639,640,641,) or (348/589,) or (380/54)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/02 15:56
S12	1311	watermark\$4 with (embed\$4 or detect\$3) same ((divi\$4 or segment\$3) with region\$1 or area\$1)	US-PGPUB; USPAT; USOCR	AND	OFF	2009/09/02 15:59
S13	6134	((async\$9 or out\$1of\$1) near1 phase) or (phase near1 polarity)	US-PGPUB; USPAT; USOCR	AND	OFF	2009/09/02 16:17
S14	3759	pixel with (diff\$6 or vari\$6 or vary\$3) with time with (bright\$4 or value\$1 or color\$1)	US-PGPUB; USPAT; USOCR	AND	OFF	2009/09/02 16:21
S15	283	pixel with (diff\$6 or vari\$6 or vary\$3) with time same (bright\$4 or value\$1 or color\$1) same (edge\$1 or bound\$3)	US-PGPUB; USPAT; USOCR	AND	OFF	2009/09/02 16:23
S16	55	S11 and S15	US-PGPUB; USPAT; USOCR	AND	OFF	2009/09/02 16:24
S17	13	("2002/0172394").URPN.	USPAT	AND	OFF	2009/09/02 17:06

S18	7	("6757405"   "6049627"   "20020168069"   "6809792"   "20040250079"   "20040247154"   "20040125952").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2009/09/02 17:08
S19	29	("20010053237"   "20020164046"   "20020172394"   "20020191810"   "20030021439"   "4969041"   "5745604"   "5809139"   "5915044"   "5930377"   "6005643"   "6026193"   "6122403"   "6211919"   "6226387"   "6229924"   "6282299"   "6334187"   "6411725"   "6449379"   "6563936"   "6674876").PN. OR ("6961444").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2009/09/02 17:15
S20	36	("20010053237"   "20020085736"   "20020087864"   "20020094082"   "20020106106"   "20020164046"   "20020172394"   "20020191810"   "20030021439"   "20030091213"   "20040120523"   "20040250079"   "4969041"   "5200822"   "5745604"   "5809139"   "5915044"   "5930377"   "6005643"   "6026193"   "6122403"   "6211919"   "6226387"   "6229924"   "6282299"   "6334187"   "6411725"   "6449379"   "6563936"   "6661905"   "6674876").PN. OR ("7197164").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2009/09/02 17:16
S21	10	S20 not S19	US-PGPUB; USPAT; USOCR	AND	OFF	2009/09/02 17:16
S22	7684	steganograph\$ or ((digital\$4 or electronic\$4) near4 watermark\$4)	US-PGPUB; USPAT; USOCR	AND	OFF	2009/09/04 11:35
S23	30868	((382/100,162,163,164,165,171,173,181,199,232,239,254,266,274) or (358/1.1,1.9,3.28,) or (345/629,630,631,632,633,634,635,636,637,638,639,640,641,) or (348/589,) or (380/54)).OCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/04 11:36
S24	69263	(information or data) near4 (hid\$4 or embed\$4)	US-PGPUB; USPAT; USOCR	AND	OFF	2009/09/04 11:37
S25	9802	((bias\$2 or not\$2 or adaptiv\$1) near2 pixel\$1)	US-PGPUB; USPAT; USOCR	AND	OFF	2009/09/04 11:48
S26	19	pixel\$1 with((support\$3 or accept\$3 or favor\$4) near2 varia\$4) and (bright\$4 or lumin\$4)	US-PGPUB; USPAT; USOCR	AND	OFF	2009/09/04 11:53
S27	186	S22 S25	US-PGPUB; USPAT; USOCR	AND	OFF	2009/09/04 11:54
S28	601	varia\$4 near2 (bright\$4 or lumin\$4) with correct\$4	US-PGPUB; USPAT; USOCR	AND	OFF	2009/09/04 12:04
S29	9	S28 and S22	US-PGPUB; USPAT; USOCR	AND	OFF	2009/09/04 12:05
S30	24	varia\$4 near2 (bright\$4 or lumin\$4) with embed\$4	US-PGPUB; USPAT; USOCR	AND	OFF	2009/09/04 12:09
S31	21	S30 and (S22)	US-PGPUB; USPAT; USOCR	AND	OFF	2009/09/04 12:10
S32	0	("2003/0210784").URPN.	USPAT	AND	OFF	2009/09/04 12:20
S33	0	("2008/0180752").URPN.	USPAT	AND	OFF	2009/09/04 12:26
S34	14	"6757405"	US-PGPUB; USPAT; USOCR	AND	OFF	2009/09/08 09:51

S35	1	("6757405").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/08 09:51
S36	19	("5689587"   "5850481"   "5915027"   "5930369"   "6185312"   "6192139").PN. OR ("6757405").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2009/09/08 09:51
S37	1	("2002/0181706").URPN.	USPAT	AND	OFF	2009/09/08 10:02
S38	4	("20020181706"   "7315621"   "7197164"   "20030210784").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2009/09/08 10:04
S39	31	("20010053237"   "20020085736"   "20020087864"   "20020094082"   "20020106106"   "20020164046"   "20020172394"   "20020191810"   "20030021439"   "20030091213"   "20040120523"   "20040250079"   "4969041"   "5200822"   "5745604"   "5809139"   "5915044"   "5930377"   "6005643"   "6026193"   "6122403"   "6211919"   "6226387"   "6229924"   "6282299"   "6334187"   "6411725"   "6449379"   "6563936"   "6661905"   "6674876").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2009/09/08 10:05
S40	21	(S38 or S39) and (watermark\$4 near4 detect\$4)	US-PGPUB; USPAT; USOCR	AND	OFF	2009/09/08 10:06
S41	163	((KALKER) near2 (ANTONIUS)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	OFF	2009/09/08 10:21
S42	81	S41 AND (watermark\$4 near4 detect\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	OFF	2009/09/08 10:22
S43	9816	((bias\$2 or not\$2 or adaptiv\$1) near2 pixel\$1)	US-PGPUB; USPAT; USOCR	AND	OFF	2009/09/08 10:22
S44	3	S42 and S43	US-PGPUB; USPAT; USOCR	AND	OFF	2009/09/08 10:22
S45	19	pixel\$1 with((support\$3 or accept\$3 or favor\$4) near2 varia\$4) and (bright\$4 or lumin\$4)	US-PGPUB; USPAT; USOCR	AND	OFF	2009/09/08 10:23
S46	602	varia\$4 near2 (bright\$4 or lumin\$4) with correct\$4	US-PGPUB; USPAT; USOCR	AND	OFF	2009/09/08 10:26
S47	7703	steganograph\$ or ((digital\$4 or electronic\$4) near4 watermark\$4)	US-PGPUB; USPAT; USOCR	AND	OFF	2009/09/08 11:11
S48	3667992	bound\$5 or edge\$2	US-PGPUB; USPAT; USOCR	AND	OFF	2009/09/08 11:11
S49	97498	scene\$1	US-PGPUB; USPAT; USOCR	AND	OFF	2009/09/08 11:12
S50	773	S49 S48 S47	US-PGPUB; USPAT; USOCR	AND	OFF	2009/09/08 11:12

S51	75	S49 S48 S47 S43	US-PGPUB; USPAT; USOCR	AND	OFF	2009/09/08 11:13
S52	2302620	detect\$4 or decod\$4	US-PGPUB; USPAT; USOCR	AND	OFF	2009/09/08 12:07
S53	59	(S48 S47 S43 S52) not S51	US-PGPUB; USPAT; USOCR	AND	OFF	2009/09/08 12:07
S54	544754	(polar\$3 or opposi\$2) with adjacent	US-PGPUB; USPAT; USOCR	AND	OFF	2009/09/08 12:15
S55	0	(S48 S47 S43 S52 S54) not S51	US-PGPUB; USPAT; USOCR	AND	OFF	2009/09/08 12:15
S56	1	(S48 S47 S43 S52 S54)	US-PGPUB; USPAT; USOCR	AND	OFF	2009/09/08 12:15
S57	2	pixel\$1 near3 (adapt\$3 or vary\$3) with (watermark\$4 with (embed\$4 or detect\$3) same ((divi\$4 or segment\$3) with region\$1 or area\$1) )	US-PGPUB; USPAT; USOCR	AND	OFF	2009/12/18 15:02
S58	2	pixel\$1 near3 (adapt\$3 or vary\$3 or flex\$5) with (watermark\$4 with (embed\$4 or detect\$3) same ((divi\$4 or segment\$3) with region\$1 or area\$1) )	US-PGPUB; USPAT; USOCR	AND	OFF	2009/12/18 15:04
S59	1	pixel\$1 near3 (adapt\$3 or vary\$3) with (watermark\$4 with (boundar\$3))	US-PGPUB; USPAT; USOCR	AND	OFF	2009/12/18 15:42
S60	0	"digimarc.as"	US-PGPUB; USPAT; USOCR	AND	OFF	2009/12/18 15:56
S61	488	digimarc.as.	US-PGPUB; USPAT; USOCR	AND	OFF	2009/12/18 15:56
S62	420	S61 and video	US-PGPUB; USPAT; USOCR	AND	OFF	2009/12/18 15:56
S63	4	S61 and (video and pixel with (diff\$6 or vari\$6 or vary\$3) with time with (bright\$4 or value\$1 or color\$1) )	US-PGPUB; USPAT; USOCR	AND	OFF	2009/12/18 15:56
S68	1	"20020076083"	US-PGPUB; USPAT; USOCR	AND	OFF	2010/01/31 15:16

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S64	2	pixel\$1 near3 (adapt\$3 or vary\$3 or flex\$5) with (watermark\$4 with (embed\$4 or detect\$3) same ((divi\$4 or segment\$3) with region\$1 or area\$1) )	US-PGPUB; USPAT; UPAD	AND	OFF	2009/12/18 15:05
S65	3	pixel\$1 near3 (gap\$1 or payload\$1) with (watermark\$4 with (embed\$4 or detect\$3) same ((divi\$4 or segment\$3) with region\$1 or area\$1) )	US-PGPUB; USPAT; UPAD	AND	OFF	2009/12/18 15:10
S66	1	pixel\$1 near3 (gap\$1) with (watermark\$4 with (embed\$4 or detect\$3) same ((divi\$4 or segment\$3) with region\$1 or area\$1) )	US-PGPUB; USPAT; UPAD	AND	OFF	2009/12/18 15:10
S67	1	pixel\$1 near3 (adapt\$3 or vary\$3) with (watermark\$4 with (boundar\$3))	US-PGPUB; USPAT; UPAD	AND	OFF	2009/12/18 15:43

2/1/2010 3:18:25 PM

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